

ST. LOUIS FUSRAP OVERSIGHT COMMITTEE
c/o 111 So. Meramec
Clayton, MO 63105
314.854.6635

November 10, 1998

MEMORANDUM

TO: FUSRAP Oversight Committee Members
Other Interested Parties

FROM: Richard Cavanagh, CHE
Chairperson



RE: Next Meeting

The next meeting of the FUSRAP Oversight Committee will be on Friday, December 18, 1998, 11:30 am at the trailers on Latty Ave.

Committee members who are unable to attend should contact the chairperson to be excused.

Thank you.

:RRC

ST. LOUIS FUSRAP OVERSIGHT COMMITTEE

c/o 111 So. Meramec

Clayton, MO 63105

314.854.6635

Highlights of November 13, 1998 Meeting

Committee Members Present: Jack Fraenhoffer, Donovan Larson, Sally Price, Ric Cavanagh

Other Interested Parties: Tom Binz, Larry Erickson, David Wagoner, Chris Byrne, Greg Hempen, Lou Dell'Orco, Sharon Cotner

Please see the attached copies of handouts provided by USACE for the meeting. The following are additional comments from the meeting. Page numbers reference the page of the handout.

Page 4 - Issue of ballfield now resolved: EE/CA was not originally clear as to whether all would be cleaned or just hot spots. It has now been concluded that all of the fields will be cleaned to a relative level, but some additional work may be needed as per the ROD.

As of 11/13/98, 217 gondola cars have been shipped. 13 cars are being shipped 11/13. Productivity is increasing.

Page 5 - HISS: "acquisition strategies" means contract negotiation

Page 6 - VP 56 is the area near the former Sears Warehouse.

Page 7 - Final excavation of city properties will be done this week.

Page 8 - "Free" means paying only \$10.00 for transport (native soil from a quarry).

Page 9 - This page outlines the discussion led by Dr. Greg Hempen, USACE, with copies of handouts at the end of this package. "Control Measures" means environmental monitoring. Program is to be a "living document" which can change annually as mitigation activities change. (Note that sampling for SLDS is Mallinckrodt's responsibility.

- The team is EPA, USACE, UM Rolla, with contractors invited, especially for site specific issues.
- All wells will be monitored initially, then re-evaluated based on findings
- Results to be disseminated to Oversight Committee, as well as quarterly and annual reports
- This monitoring will replace any activities that occurred previously (e.g. monitoring by St. Louis County).

Page 10 - This is a national listing by USACE District. St. Louis' target is to get extra money

from N.Y.. (N. Y./New Jersey sites do not have a ROD. Buffalo has a ROD, so they probably could do more if funds are available). St. Louis has an advantage since it can work longer into the winter because of more favorable weather conditions.

New Taskers:

- 1) Provide St. Denis Bridge data for Donovan
- 2) Provide timely reports from Environmental Monitoring (at each meeting)
- 3) Share information about the "unconstrained budget" so that the Congressional delegations can push for much more money, possibly complete by 2004.

Next Meeting: Friday, December 18, 11:30 am at the trailers on Latty Ave.



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FUSRAP



Gateway to Excellence

St. Louis Oversight Committee Meeting *Corps Update*

13 NOV 98



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Agenda



Gateway to Excellence

- Mississippi Valley Division
- Progress Report
- Control Measures
- FY 99 National Program
- Community Interactions
- Taskers
- Questions

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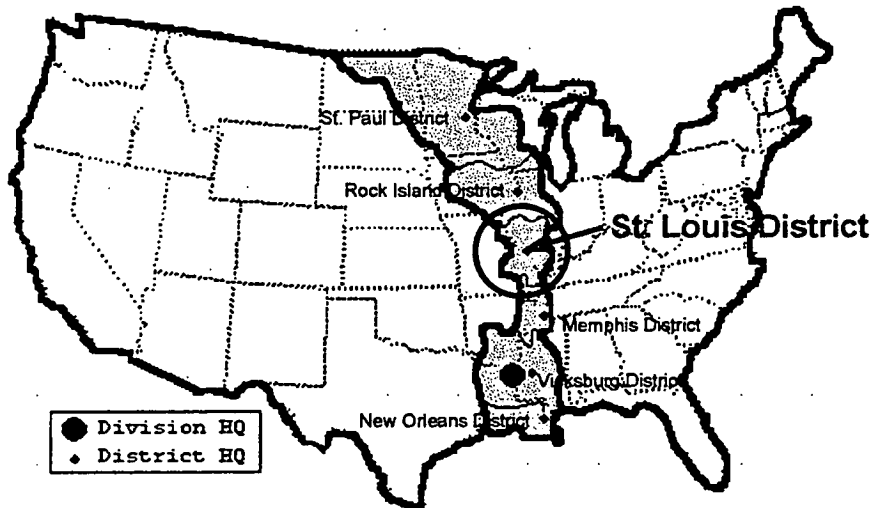


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Mississippi Valley Division



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Progress Report St. Louis Airport Site (SLAPS)



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- **EE/CA Action Memo/Responsiveness Summary signed by ASA(CW) 25 JUN 98**
 - Resolution of ballfields hotspots issue with USACE HTRW-CX
- **North Ditch / Sedimentation Basin Construction ongoing**
 - North Ditch (including Sediment Trap) - 12,500 cyds - 43%
 - Sedimentation Basin - 6,600 cyds - 82%
- **SLAPS East End Construction ongoing**
 - 20,000 cy by PRAC (Radian) -4%
 - 20,000 cy by TERC (Stone & Webster) starting 1 MAY 99
- **Rail Shipments off SLAPS and Eva**
 - 206 gondola railcars shipped to date (14,626 cyds)

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Progress Report Hazelwood Interim Storage Site (HISS)/Latty Avenue



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- **EE/CA Action Memo/Responsiveness Summary signed by ASA(CW) - 25 JUN 98**
 - HISS EE/CA distributed -15 OCT 98
- **Railspur construction underway**
 - Cleaning/grubbing underway
 - Stormwater controls in place
 - Current completion date is mid-January
- **Plans & Specifications for HISS and Eastern Pile Removal (40,000 cy) completed.**
 - Acquisition strategy to commence upon railspur groundbreaking
 - SBA designated contract

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Progress Report SLAPS Vicinity Properties



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- **SLAPS VP 56**
 - BNI remediated VP 56, along Pershall Road, SEP/OCT 98
 - Restoration activities are 100% complete.
 - Fifty-nine truckloads (1,050 cy) sent to Envirocare.
- **BNI currently supporting City of Florissant work at St. Denis Bridge (250 cyds)**
 - Removal action is 95% complete.
 - Fifteen truckloads (300 cy) shipped from St. Denis Bridge.

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Progress Report St. Louis Downtown Site (SLDS)



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- **EPA signed ROD 27 AUG 98**
 - Copies forwarded 27 OCT 98
- **Held ROD Meeting with Mallinckrodt**
- **IT Corp. continued Planning & Design activities**
 - Plant 2 Remedial Design -23 NOV 98
- **IT Corp remediation efforts**
 - City Properties started 29 SEP 98. Remediation of City Properties is approximately 68% complete. (3,400 cy)
 - Plant 2 scheduled to begin on 5 DEC 98 with slab break up. Subsurface excavation 5 JAN 99
- **Thirty-one gondola cars shipped to date. (2,370 cy)**

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Progress Report Other Issues



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- **North County Feasibility Study/ROD**
 - Obtaining background chemical data
 - Additional Groundwater monitoring
 - Beginning development of risk assessment strategy
 - Continue to work towards development of ARARs
- **Located "free backfill" stockpile, looking for more**
 - 30,000 cyds, first come, first serve
 - Contractors currently stockpiling onsite
- **Dr. Westphal site visit -12 NOV 98**
 - Assistant secretary for the Army -Civil Works ASA(CW)

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Control Measures



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- Overview/Objectives
- Environmental Media
- Frequency of Sampling
- Constituents to be Measured
- Monitoring Locations
- Reporting

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FY 99 National Program



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<u>District</u>	<u>\$M</u>
Buffalo	41.1
Baltimore	0.6
New England	1.2
New York	53.1
Philadelphia	1.2
St. Louis	<u>42.8</u>
Total	140.0

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Community Interactions



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- **Draft Final Community Relations Plan distributed for Regulator review and comment -13 NOV 98.**
 - Community Interviews are complete
- **Announced the closure of the SLDS Administrative Record**
 - Public notices published in the St. Louis Post-Dispatch and the St. Louis American.
 - Copies of public notices also sent to entire mailing list.
- **Other Events**
 - Fall Newsletter to be published within the next month
 - Washington University Lunch and Learn - JAN 99
 - SLDS area CAP meeting -JAN 99

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Taskers



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- **Old Taskers**

- Furnish Ms. Ginsburg with the cost of the risk assessment for North County (complete)
- Furnish Ms. Price with the FY99 Budget numbers for the other FUSRAP sites (complete)
- Public Affairs to meet with Ms. Ginsburg's staff on Community Relations Plan (pending release of final document)

- **New Taskers**

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Questions



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Questions? Questions? Questions?
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Questions? Questions?

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St. Louis Sites Environmental Monitoring Program

Overview

The Environmental Monitoring Program has a number of objectives:

- protect the health and safety of the public and workers,
- identify and minimize impacts to the environment,
- comply with federal and state regulations,
- provide information on the fate and transport of contaminants in site media, and
- evaluate the effectiveness of the cleanup

This presentation describes the Environmental Monitoring Program planned for Fiscal Year 1999 and out years.

The Environmental Monitoring Program is evaluated on a regular basis and modified to cost effectively achieve the above objectives.

St. Louis Sites Environmental Monitoring Program

Reporting

The results of the Environmental Monitoring Program are to be reported to the regulators via a quarterly report and summarized once a year in an annual report.

St. Louis Sites Environmental Monitoring Program

Monitoring Locations

Ground water

For the first three quarters of FY 99, all active wells are to be sampled. New wells have been added at the SLDS and SLAPS over the past year, and additional wells are being added during FY99 in consultation with the Technical Working Group.

Surface water and sediments

Seven locations from Lambert Airport to I-270 along Coldwater Creek are to be monitored.

Storm water

Samples are collected at points where storm water exits the sites. Two locations are sampled at HISS and four locations are sampled at SLAPS.

Air

Particulates and radon are measured at the fence lines.

St. Louis Sites Environmental Monitoring Program

Constituents to be Measured

Many compounds and parameters are measured. Not all of them are considered to be contamination and the list is subject to change as the regulatory requirements and understanding of the site change.

The following description is not meant to be comprehensive. For instance, parameters such as temperature and pH are normally measured for water samples but will not be explicitly listed. The parameters mentioned here will focus on the primary compounds that may be of concern at the site.

Compounds measured in **ground water and surface water** (i.e., Coldwater Creek) at the SLAPS and HISS include a full range of radionuclides, metals, and organic compounds. Also, the amount of suspended solids is measured in surface water.

At SLDS, the Record of Decision specifies the compounds to be measured **in ground water** and the list includes a full range of radionuclides, arsenic, and cadmium.

St. Louis Sites Environmental Monitoring Program

Environmental Media

The Environmental Monitoring Program is designed to focus on environmental media through which contaminants may move and is comprehensive in the media it addresses.

Sampling is performed for air, surface water, storm water, ground water, and sediments.

Frequency of Sampling

The Environmental Monitoring Program is primarily conducted on a quarterly basis; although, some measurements are made more frequently and some are made less frequently.

- ground water, surface water, and sediment samples are collected quarterly,
- stormwater samples are collected monthly (depends on rainfall),
- particulates in air are measured seven times per quarter,
- radon at the fence lines is measured semi-annually, and
- radon flux from site surfaces is measured annually

Cataloging Form
{Technical/Project Managers fill in C through G, K through Q. RM completes other fields}

A. Document ID Number: Assigned by database 812

B. Further Information Required?: ☐

C. Operable Unit (Choose One):

USACE	<input type="checkbox"/>
St. Louis Sites	<input type="checkbox"/>
Downtown	<input type="checkbox"/>
North County	<input type="checkbox"/>
Madison Sites	<input type="checkbox"/>
Inaccessible Areas	<input type="checkbox"/>
PRP	<input type="checkbox"/>
Oversight Committee	<input checked="" type="checkbox"/>

D. Site (Optional):

SLDS VPs	<input type="checkbox"/>
Mallinckrodt	<input type="checkbox"/>
SLAPS	<input type="checkbox"/>
SLAPS VPs	<input type="checkbox"/>
CWC	<input type="checkbox"/>
HISS	<input type="checkbox"/>
Madison	<input type="checkbox"/>

E. Area (Optional): _____

F. Primary Document Type (Choose One):

Site Management Records	<input type="checkbox"/>	Remedial Action	<input type="checkbox"/>
Removal Response	<input type="checkbox"/>	Public Affairs/Community Relations	<input checked="" type="checkbox"/>
Remedial Investigation	<input type="checkbox"/>	Congressional Relations	<input type="checkbox"/>
Feasibility Study	<input type="checkbox"/>	Freedom of Information Act	<input type="checkbox"/>
Record of Decision	<input type="checkbox"/>	Real Estate	<input type="checkbox"/>
Remedial Design	<input type="checkbox"/>	Project Management	<input type="checkbox"/>

G. Secondary Document Type (see back of form): Correspondence

H. Bechtel Number: _____

I. SAIC Number: _____

J. MARKS Number(Choose One): FN: 1110-1-8100e ☐ FN: 1110-1-8100f ☐ FN: 1110-1-8100g ☐

K. Subject/Title: St. Louis Oversight Committee Meeting Minutes from 11/13/98

L. Author: Richard Cavanagh

M. Author's Company: Oversight Committee

N. Recipient(s): _____

O. Recipient(s) Company: Distribution

P. Version (Choose One): Draft ☐

Final ☒

Q. Date: 11/10/98

R. Include in the ARF? ☒

S. Include in the AR? ☐

T. Filed as Confidential/Privileged? ☐

U. Document Format (Choose one):

Paper	<input checked="" type="checkbox"/>	Photographic	<input type="checkbox"/>	Cartographic/Oversize	<input type="checkbox"/>
Electronic	<input type="checkbox"/>	Audio-visual	<input type="checkbox"/>	Microform	<input type="checkbox"/>

V. Filed in AR Volume Number: _____

W. Physical Location (Choose One):

Central Files	<input checked="" type="checkbox"/>	Microfilm Vendor	<input type="checkbox"/>	In ARF	<input type="checkbox"/>
Records Holding Area	<input type="checkbox"/>	Department of Energy	<input type="checkbox"/>	In AR	<input type="checkbox"/>

X. Associated with Document(s): _____

Secondary Document Types

- ☐ Amendments to Record of Decision (ROD)
- ☐ Anomaly Review Board Documents (Management Plan, Correspondence, Standard Operating Procedures, Findings)
- ☐ Applicable or Relevant and Appropriate Requirements (ARAR) Determinations
- ☐ Archives Search Reports (ASR)
- ☐ Briefing Papers
- ☐ Chain of Custody Forms
- ☐ Community Relations Plan
- ☐ Correspondence
- ☐ Daily Operations Summary/Situation Reports
- ☐ Engineering Evaluation and Cost Analysis (EE/CA) Action Memo
- ☐ Engineering Evaluation and Cost Analysis (EE/CA) Approval Memorandum
- ☐ Engineering Evaluation and Cost Analysis (EE/CA)
- ☐ Explanation of Significant Differences
- ☐ Fact Sheets/Newsletters
- ☐ Feasibility Study (FS) Reports
- ☐ Federal, State, Local Tech. Records
- ☐ Final Approved Findings and Determinations
- ☐ Final Remedial Design Documents
- ☐ Freedom of Information (FOIA) Requests
- ☐ Freedom of Information (FOIA Responses)
- ☐ Health and Endangerment Assessments
- ☐ Interagency Agreements/Memoranda
- ☐ Interim Deliverables
- ☐ Inventory Project Report (INPR) Risk Assessment Code (RAC)
- ☐ Invoices/Contractor Payments/Cost Reports
- ☐ Land Grants/Deeds
- ☐ Mailing Lists
- ☐ News Clippings and Press Releases
- ☐ No Further Action Docs (NOFA)
- ☐ On-Scene Coordinator Reports
- ☐ Proposed Plans for Remedial Action
- ☐ Public Meeting Minutes/Transcripts
- ☐ Public Notices
- ☐ Public notices, Comments Received, Responses to the Comments
- ☐ Published Hearings
- ☐ Record of Decision (ROD)
- ☐ Reference Documents
- ☐ Remedial Action Documents
- ☐ Remedial Investigation (RI) Reports
- ☐ Removal Response Reports (Emergency Evacuation Orders)
- ☐ Rights of Entry Documents
- ☐ Sampling/Analysis Data and Plans
- ☐ Scopes of Work/Contractual Documents
- ☐ Site Descriptions and Chronologies
- ☐ Site Inspection Documents
- ☐ Site Photographs and Maps
- ☐ Testimonies
- ☐ Title Search Documents
- ☐ Work Logs
- ☐ Work Plans and Progress Reports
- ☐ Work Plans/Site Safety and Health Plans and Progress Reports
- ☐ Work Register and Logs